ABSTRACT OF THE DISCLOSURE

A method of initializing a computer system equipped
with a debugging system. The computer system has a CPU, a
local, peripheral and expansion bus, a first and second

5   bridge, and a ROM coupled to the expansion bus and store a
first BIOS code, and the debugging system is coupled to the
peripheral bus. The method including the steps of operating
the CPU in a normal mode wherein first data requests
directed to the ROM are routed to the local bus by the CPU,

10   operating the CPU in a debugging mode wherein second data
requests directed to the debugging system are routed to the
local bus bye the CPU, transferring the first or second data
requests from the local bus to the peripheral bus by the
first bridge, responding by the second bridge or debugging

15   system to the data requests with the first or second BIOS
code to be loaded in the CPU according to the direction of
the data request.